

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A file recording apparatus comprising:

a processor; and

a memory device storing instructions which when executed by the processor, cause the processor to:

- (a) edit video data in accordance with a command input by a user;
- (b) record the edited video data as a file to be played by a player, the player having a player version and an owner ID, the file including:
 - (i) a first block including real data management information which is organized in a hierarchical structure and which includes:
 - (A) a first source track in which management information associated with the video data is described; and
 - (B) an effect track in which management information associated with a first effect to be applied to the video data is described, the effect track having an effect track version and an effect ID;
 - (ii) a second, different block including real data including at least real data associated with the effect track; and
- (c) in the first block of real data management information, form:
 - (i) a first alternate track including video data equivalent to video data obtained by performing a process according to the effect track, the first alternate track being used in response to the effect track being unprocessable, the effect track being unprocessable upon an occurrence of at least one of (A) the effect track version being different from the player version and (B) the effect ID not corresponding to the owner ID; and

- (ii) information indicating the processing priority level assigned to the first alternate track of the video data with respect to the processing priority level assigned to another track.

Claim 2 (previously presented): The file recording apparatus of Claim 1, wherein the instructions, when executed by the processor, cause the processor to, in the first block of real data management information, for an alternative use of the effect track, form a second, different alternate track including a second, different effect which is an alternative to the first effect described in the effect track.

Claim 3 (previously presented): The file recording apparatus of Claim 2, wherein the information indicating the priority level is described in:

- (a) a third, different block of user data of the first alternate track including the video data; and
- (b) a fourth, different block of user data of the second, different alternate track for alternative use of the effect track.

Claim 4 (previously presented): The file recording apparatus of Claim 3, wherein in the third, different block of the user data, property information associated with the corresponding track is described.

Claim 5 (previously presented): The file recording apparatus of Claim 1, wherein the first alternate track including the video data is formed such that real data of the video that is assigned only in a period in which a change occurs in the video data when the effect track is applied to the video data.

Claim 6 (previously presented): The file recording apparatus of Claim 1, wherein the first alternate track including the video data is a track of management information associated with a third, different effect to be applied to a second, different source track including video data obtained as a result of applying the effect track to the currently amended video data.

Claim 7 (currently amended): A method of operating a file recording device including instructions, the method comprising:

- (a) causing a processor to execute the instructions to edit video data in accordance with a command input by a user;
- (b) causing the processor to execute the instructions to record the edited video data as a file to be played by a player, the player having a player version and an owner ID, the file including:
 - (i) a first block including real data management information which is organized in a hierarchical structure and which includes:
 - (A) a source track in which management information associated with the video data is described; and
 - (B) an effect track in which management information associated with an effect to be applied to the video data is described, the effect track having an effect track version and an effect ID;
 - (ii) a second, different block of real data including at least real data associated with the effect track; and
- (c) causing the processor to execute the instructions to, in the first block including real data management information, form:
 - (i) an alternate track including video data equivalent to video data obtained by performing a process according to the effect track, the alternate track being used in response to the effect track being unprocessable, the effect track being unprocessable upon an occurrence of at least one of: (A) the effect track version being different from the player version and (B) the effect ID not corresponding to the owner ID; and
 - (ii) information indicating the processing priority level assigned to the alternate track of the video data with respect to the processing priority level assigned to another track.

Claim 8 (canceled).

Claim 9 (currently amended): A non-transitory computer-readable storage medium which includes instructions structured to cause a computer to:

- (a) edit video data in accordance with a command input by a user;
- (b) record the edited video data as a file to be played by a player, the player having a player version and an owner ID, the file including:
 - (i) a first block of real data management information which is organized in a hierarchical structure and which includes:
 - (A) a source track in which management information associated with the video data is described; and
 - (B) an effect track in which management information associated with an effect to be applied to the video data is described, the effect track having an effect track version and an effect ID;
 - (ii) a second, different block of real data including at least real data associated with the effect track; and
- (c) in the first block including real data management information, form:
 - (i) an alternate track including video data equivalent to video data obtained by performing a process according to the effect track, the alternate track being used in response to the effect track being unprocessable, the effect track being unprocessable upon an occurrence of at least one of: (A) the effect track version being different from the player version and (B) the effect ID not corresponding to the owner ID; and
 - (ii) information indicating the processing priority level assigned to the alternate track of the video data with respect to the processing priority level assigned to another track.

Claim 10 (currently amended): A file playback apparatus having a player version and an owner ID comprising:

a processor; and

a memory device which stores instructions which when executed by the processor, cause the processor to:

- (a) play back video data recorded as a file on a recording medium, the file including:
 - (i) a block of real data management information which is organized in a hierarchical structure and which includes:
 - (A) a source track in which management information associated with the video data is described;
 - (B) an effect track in which management information associated with an effect to be applied to the video data is described, the effect track having an effect track version and an effect ID;
 - (C) an alternate track including video data equivalent to video data obtained by performing a process according to the effect track; and
 - (D) information indicating the processing priority level assigned to the alternate track of the video data with respect to the processing priority level assigned to another track; and
 - (ii) a block of real data including at least real data associated with the effect track; and
- (b) in response to the effect track being unprocessable:
 - (i) detect a processable alternate track in the order from the highest priority level to lower priority levels based on the information indicating the priority level; and
 - (ii) play back the file using the detected alternate track, wherein the effect track is unprocessable upon an occurrence of at least one of
(A) the effect track version being different from the player version and (B) the effect ID not corresponding to the owner ID.

Claim 11 (currently amended): A method of operating a file playback apparatus having a player version and an owner ID and including instructions, the method comprising:

- (a) causing a processor to execute the instructions to play back video data recorded as a file on a recording medium, the file including:
 - (i) a first block including real data management information which is organized in a hierarchical structure and which includes:
 - (A) a source track in which management information associated with the video data is described;
 - (B) an effect track in which management information associated with an effect to be applied to the video data is described, the effect track having an effect track version and an effect ID;
 - (C) an alternate track including video data equivalent to video data obtained by performing a process according to the effect track; and
 - (D) information indicating the processing priority level assigned to the alternate track of the video data with respect to the processing priority level assigned to another track; and
 - (ii) a second, different block of real data including at least real data associated with the effect track; and
- (b) in response to the effect track being unprocessable:
 - (i) causing the processor to execute the instructions to detect a processable alternate track in the order from the highest priority level to lower priority levels based on the information indicating the priority level; and
 - (ii) causing the processor to execute the instructions to play back the file using the detected alternate track,
wherein the effect track is unprocessable upon an occurrence of at least one of: (A) the effect track version being different from the player version and (B) the effect ID not corresponding to the owner ID.

Claim 12 (canceled).

Claim 13 (currently amended): A non-transitory computer-readable storage medium in a player having a player version and an owner ID which stores instructions structured to cause a computer to:

- (a) play back video data recorded as a file on a recording medium, the file including:
 - (i) a first block including real data management information which is organized in a hierarchical structure and which includes:
 - (A) a source track in which management information associated with the video data is described;
 - (B) an effect track in which management information associated with an effect to be applied to the video data is described, the effect track having an effect track version and an effect ID;
 - (C) an alternate track including video data equivalent to video data obtained by performing a process according to the effect track; and
 - (D) information indicating the processing priority level assigned to the alternate track of the video data with respect to the processing priority level assigned to another track; and
 - (ii) a second, different block of real data including at least real data associated with the effect track; and
- (b) in response to the effect track being unprocessable:
 - (i) detect a processable alternate track in the order from the highest priority level to lower priority levels based on the information indicating the priority level; and
 - (ii) play back the file using the detected alternate track,
wherein the effect track is unprocessable upon an occurrence of at least one of:
(A) the effect track version being different from the player version and (B) the effect ID not corresponding to the owner ID.